查询SC4004A供应商

SC4004A (40 CHARACTERS x 4 LINES)

■ FEATURES

- ◆ 5 x 7 DOTS WITH CURSOR
- ◆ BUILT-IN CONTROLLER (KS0066 OR EQUIVALENT)
- ◆ 5 V POWER SUPPLY
- ◆ 1/16 DUTY CYCLE
- ◆ 4.2 V LED FORWARD VOLTAGE

■ MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W x H x T)	190.0 x 54.0 x 8.8 (13.0 LED)	mm
Viewing Area (W x H)	149.0 x 29.5	mm
Character Size (W x H)	2.78 x 4.89	mm
Character Pitch (W x H)	3.53 x 6.09	mm
Dot Size (W x H)	0.50 x 0.55	mm
Dot Pitch (W x H)	0.57 x 0.62	mm

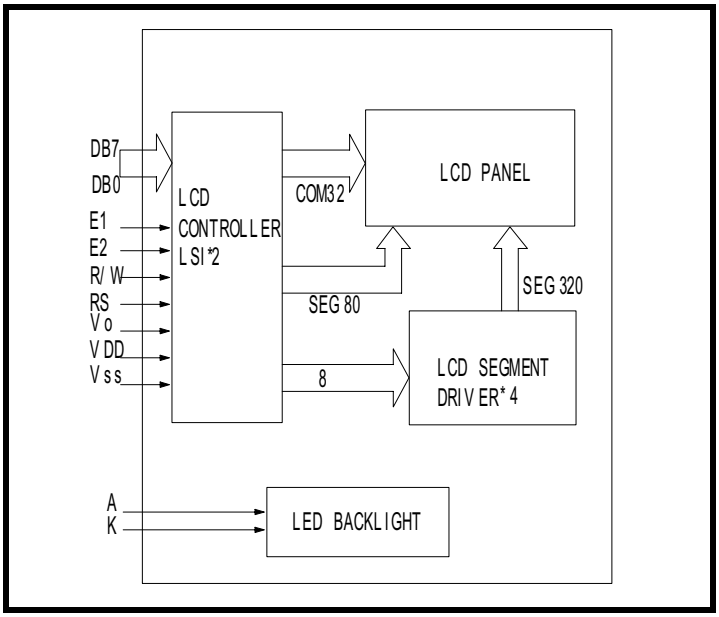
■ INTERFACE PIN CONNECTIONS

NO.	SYMBOL	FUNCTION	NO.	SYMBOL	FUNCTION
1	DB7	Data Bit 7	9	E1	Enable IC1
2	DB6	Data Bit 6	10	R/W	Read/Write
3	DB5	Data Bit 5	11	RS	Register Select
4	DB4	Data Bit 4	12	Vo	Contrast Adj.
5	DB3	Data Bit 3	13	V_{SS}	Supply Ground
6	DB2	Data Bit 2	14	V_{DD}	Supply Voltage
7	DB1	Data Bit 1	15	E2	Enable IC2
8	DB0	Data Bit 0	16	NC	No Control

■ ELECTRICAL CHARACTERISTICS

ITEM		SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
LCD Operating Voltage		V_{DD}-V_O	T=0 °C	-	4.8	-	V
			T=25 °C	-	4.5	-	V
			T=50 °C	-	4.2	-	V
Supply Voltage		V_{DD}-V_{SS}	-	4.7	5	5.3	V
Supply Current		I_{DD}	-	-	5.2	10.8	mA
Input Voltage	"HIGH" Level	V_{IH}	-	2.2	-	V_{DD}	V
	"LOW" Level	V_{IL}	-	0	-	0.6	V
Output Voltage	"HIGH" Level	V_{OH}	-	2.4	-	-	V
	"LOW" Level	V_{OL}	-	-	-	0.4	V

■ BLOCK DIAGRAM



■ EXTERNAL DIMENSIONS

